



European Nuclear Conference  
16-20 September 2007, Brussels, Belgium

## **Industry Exhibition**

### **Agoria (Stand 5a)**

AGORIA is the Federation for the Technology Industry in Belgium.

Among its 1500 members in 13 different technology sectors, Agoria counts several major players in its member group of "Nuclear Equipment and Service Providers", such as Alstom, Ateliers de La Meuse, FBFC Int. Areva, Cegelec Belgonucleaire, Fabricom GTI, IBA, Lepage Frères, Siemens, Stork, Vinçotte,...

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Bd. A.Reyers Ln 80, B-1030 Brussels; [www.agoria.be](http://www.agoria.be)

### **AECC (Stand 1 – Rosatom)**

ANGARSK ELECTROLYSIS CHEMICAL COMPLEX (AECC) is a complex of interrelated processes, which includes production of fluorine, anhydrous hydrogen fluoride, uranium hexafluoride (UF<sub>6</sub>) as well as uranium isotopic separation and <sup>235</sup>U enrichment up to 5%.

One of the structural subdivisions of AECC is Instrumentation Plant. This plant pertains to nuclear instrument-making and deals with design and industrial-scale manufacture of detectors, dosimeters and automated complexes for individual control of external irradiation dose of personnel and population.

The AECC are exhibited on its stand the following developments:

- Scintillation monocrystals CaF<sub>2</sub>(Eu), BaF<sub>2</sub>, Bi<sub>4</sub>Ge<sub>3</sub>O<sub>12</sub>
- Optical monocrystals LiF, CaF<sub>2</sub>, BaF<sub>2</sub>
- Thermoluminescent dosimeters DTL-01, DTL-02, DVG-01, DVG-01
- Monocrystal thermoluminescent detectors DTG-4, DTG-4-6, DTG-4-7
- Automated Complex for individual dosimetric control ACIDC-201, ACIDC-301

665804, Angarsk, Irkutsk region, Russia; tel: (3951) 54 00 40, fax. (3951) 54 00 40, email: [kran@aecc.irmail.ru](mailto:kran@aecc.irmail.ru) , <http://www.aecc.ru/>

### **Alstec (Stand 16 – NIA)**

ALSTEC's experience with all the UK's existing Nuclear Power Stations means that we are well placed to support Future Nuclear Build.

As an original equipment supplier, ALSTEC has been actively involved with the concept and detail design, manufacture and build of Reactor Island equipment for Magnox, Advanced Gas-cooled Reactors (AGR) and the Pressurised Water Reactor (PWR) at Sizewell B.

ALSTEC's involvement in the UK's programme of New Reactor Build has required the development and design of innovative equipment to meet the developing reactor technology and we will maintain this high profile Engineering capability to service future New Build.

ALSTEC has proven ability to innovate and provide solutions to novel technical challenges.

Contact: E. Spencer, tel: +44 (0)116 201 5864, email: [eddie.spencer@alstec.com](mailto:eddie.spencer@alstec.com).



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### **AMEC (Stand 16 – NIA)**

AMEC is the leading UK provider of nuclear services. Our experience spans several decades in the UK, France and the Americas, and more recently in South Africa, Eastern Europe and the former Soviet Union. We are the only UK company to offer a complete range of services that ensure the safe and efficient operation of a nuclear plant, from conception through to decommissioning.

Partnership is key to our approach to the provision of nuclear services. The sensitive and specialist nature of nuclear work means that successful project management must combine upfront planning, communication and consultation with traditional project management skills.

Contact: D. Boath, tel: +44 (0) 1565 684905, fax: +44 (0) 1565 843025, email: [david.boath@amec.com](mailto:david.boath@amec.com)

### **A.N. Technology Ltd (Stand 16 – NIA)**

For more 20 years ANTECH have produced a range of nuclear instrumentation solutions for the measurement and characterisation of SNM and radionuclides in waste and provide sales, service and support worldwide

Our products are used to measure waste in crates, boxes, drums, packets, cans and fall into the following categories:

- Gamma ray measurement Systems
- Neutron measuring measurement Systems
- Calorimeter measurement Systems
- Combined Technology systems and Instruments
- and
- Portal Monitoring for Homeland Security
- Contamination

The Company also provides fully automated waste characterisation systems employing multiple technologies, conveyors and drum handling equipment.

Contact: J. Mason, tel: 44 (0)1491 824444, fax: 44 (0)1491 832800, email: [mason.john@antech-inc.com](mailto:mason.john@antech-inc.com)

### **AREVA (Stand 15)**

With manufacturing facilities in 41 countries and a sales network in more than 100, AREVA offers customers reliable technological solutions for CO<sub>2</sub>-free power generation and electricity transmission and distribution. We are the world leader in nuclear power and the only company to cover all industrial activities in this field.

Our 61,000 employees are committed to continuous improvement on a daily basis, making sustainable development the focal point of the group's industrial strategy.

AREVA's businesses help meet the 21<sup>st</sup> century's greatest challenges: making energy available to all, protecting the planet, and acting responsibly towards future generations.



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tel: + 33 1 47 96 79 33, mobile: + 33 6 85 42 90 71, email: [francine.brocard@areva.com](mailto:francine.brocard@areva.com);  
[www.areva.com](http://www.areva.com)

### **AXIMA France (Stand 6 - SUEZ)**

Leader in HVAC, Axima France possesses significant expertise in ventilation of nuclear installations, especially in hostile environments (dynamic or static containment). Axima France guarantees a perfect control of the design, realisation and qualification of its installations. Active throughout the nuclear value chain, the company plays a crucial role during the construction phase at power-production sites, at fuel cycle sites, and in research and development centers.

46, Boulevard de la Prairie au Duc - BP 40119, 44201 Nantes Cedex 2, France ; contact : H. Rigaud, tel : + 33 2 40 41 00 14, fax + 33 2 40 41 00 06, [www.axima-france.fr](http://www.axima-france.fr)

### **BELGOPROCESS (Stand 5a – Agoria)**

Belgoprocess is a private company, founded in 1984 and located in Dessel, Belgium. It is a subsidiary of the Belgian Agency for Radioactive and Enriched Fissile Materials (known as NIRAS/ONDRAF).

Belgoprocess is an essential part of the nuclear industry, concentrating on three distinct areas:

- the processing, conditioning and temporary storage of radioactive waste;
- the decommissioning of shut-down nuclear installations and cleansing of contaminated buildings and land;
- the operation of disposal sites for conditioned radioactive waste

contact: [info@belgoprocess.be](mailto:info@belgoprocess.be); tel:+ 32 (0)14 334111, fax:+32 (0)14 313012  
Gravenstraat 73, B-2480 Dessel

### **Centronic (Stand 16 – NIA)**

Centronic is a leading UK manufacturer of sensor solutions for photonic and ionising radiation, producing a comprehensive range of standard products that includes Neutron Detectors, Geiger-Müller Tubes, Vision Systems, Silicon Photodiodes and instruments for UV Light measurements.

Additionally, Centronic is highly experienced in developing custom design solutions to suit specific customer needs.

The company is quality approved to ISO 9001:2000 and ISO 14001 as well as being certified to other exacting military and aerospace standards.

Serving customers worldwide, applications for Centronic products are as diverse as reactor control, non-invasive medical examination, dosimeters protecting scientific, medical and rescue personnel from radiation overdose, X-ray analysis, process control and instrumentation, marine propulsion, decommissioning, particle analysis, telecommunications and on-board space satellite navigation.

Contact: N. Foreman, tel: + 44 (0)1689 808039 , fax: + 44 (0)1689 800079, email:  
[nforeman@centronic.co.uk](mailto:nforeman@centronic.co.uk)



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### **CEZ, a. s., DUKOVANY NUCLEAR POWER PLANT (Stand 8 – Czech Republic)**

The Dukovany Nuclear Power Plant is intended for a base-load operation mode. It supplies annually approx. 13 TWhr of electric energy to the national power network, this represents about 20 % of the total consumption of the electricity in the Czech Republic. Four 440 MW units were installed and introduced into operation in the period of 1985 - 1988. It belongs to the largest, highly reliable and economically profitable power resources of CEZ, a. s.

675 50 Dukovany; Czech Republic; contact: Z. Linhart, Director, tel: +420 561 101 111, fax: +420 561 104 980, email: [info centrum.edu@cez.cz](mailto:info centrum.edu@cez.cz), [www.cez.cz](http://www.cez.cz)

### **CEZ, a. s., TEMELIN NUCLEAR POWER PLANT (Stand 8 – Czech Republic)**

The two Units of the Temelín NPP with the installed capacity of  $2 \times 1,000$  MW are the largest and newest power generation plants operated by the CEZ company. The first Unit entered a trial mode of operation in 2002, the second one a year later. Technological schema of the power plant with two VVER 1000 pressurized-water reactors corresponds to the latest world parameters. In 2006, the plant's generation accounted for a 19.4 % share of the total production of the CEZ company.

373 05 Temelin, Czech Republic; contact: : V. Hlavinka, Director, tel: +420 381 101 111, fax: +420 381 102 298, email: [info centrum.ete@cez.cz](mailto:info centrum.ete@cez.cz), [www.cez.cz](http://www.cez.cz)

### **Climax Portable Machine Tools (Stand 11)**

Based in the State of Oregon in the USA, Climax Portable Machine Tools is a full service provider of on-site machining solutions. The Company offers specialized engineering consulting services, customized training programs, and a comprehensive line of portable machine tools, enabling customers to quickly perform a variety of on-site machining procedures.

Climax offers a broad selection of standardized portable machine tools, as well as a range of custom-built solutions based on extensive experience within the power generation industry. Climax serves US and international markets through its own international offices, and via licensed representatives in 23 countries.

2712 E. Second Street, Newberg, Oregon 97132, USA; tel.: +1 503 538 2185, fax: +1 503 538 7600, email: [info@cpmt.com](mailto:info@cpmt.com); [www.cpmt.com](http://www.cpmt.com)

### **CORYS TESS (Stand 6 - SUEZ)**

The core of CORYS TESS business for over 25 years has been producing simulators of complex processes:

- Nuclear power plant,
- Conventional power plants (thermal – gas and coal, hydraulic)
- Public or industrial site electric power grids
- Rail and urban transport system



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74 rue des Martyrs, 38027 Grenoble cedex 1, France ; contact : R. GATHMANN, tel : +33 4 76 28 82 61 ,[www.corys.com](http://www.corys.com);

### **COYNE ET BELLIER (Stand 6 - SUEZ)**

Since 1954, Coyne et Bellier is actively involved in the design of large nuclear works. Its activities range from preliminary feasibility studies to the studies of execution and follow-up of structures in service. The competences and experience of its engineers cover all civil engineering aspects of nuclear plants, power stations, research reactors, storage facilities...

Thus, Coyne et Bellier has acquired a vast experience in methodologies for nuclear structures analysis, regulatory and safety requirements related to these works and their adaptations to meet specific site requirements.

Tour Crédit Lyonnais, 129 rue Servients, 69326 Lyon Cedex 3, France ; contact: O.COLOMBAT, tel : +33 4 78 63 65 92, [www.coyne-et-bellier.fr](http://www.coyne-et-bellier.fr)

### **CZECH NUCLEAR SOCIETY (Stand 8 – Czech Republic)**

Czech Nuclear Society is voluntary and nonprofit professional association. The main objective is to provide the edification and assistance for the public education within the sphere of nuclear energy and widen the objective information concerning the peaceable utilization of nuclear energy.

V Holešovičkách 2, 180 00 PRAHA 8, Czech Republic; contact: V. Hanus, President of CNS, tel: +420 378 782 143, fax: +420 385 782 298, email: [hanusv1.ete@mail.cez.cz](mailto:hanusv1.ete@mail.cez.cz), <http://www.csvts.cz/cns>

### **ELECTRABEL (Stand 6 - SUEZ)**

Electrabel is a leading European energy company. It has built up a European network of subsidiaries and partnerships with local operators to offer high-quality energy solutions combined with local convenience to its residential and business customers. Electrabel fully exploits the many synergies between electricity and natural gas. The company manages a diversified range of generating facilities totalling 30 000 MW. Currently, half of Electrabel's generation is free from CO<sub>2</sub> emissions, largely because of the company's renewable energy sources and its seven nuclear units. In 2006, the latter generated 58% of Electrabel's total electricity output.

8, Boulevard du Régent, 1000 Bruxelles, Belgium ; contact: L. Frankignoulle, tel: + 32 2 501 57 97, fax: + 32 2 518 61 23, [www.electrabel.com](http://www.electrabel.com)

### **ELYO (Stand 6 - SUEZ)**

Elyo is a service company active in the field of energy and environmental efficiency. It intervenes at nuclear operational and research centers by taking care of elements for its customers which do not form part of their core business whilst at the same time ensuring the establishment of methods and tools which provide them with the assurance of strict compliance with standards of safety and reliability, particularly with setting up traceability tools and support for inspection organisations during inspections required by law.



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Tour Voltaire 1, Place des Degrés, 92059 Paris La Défense cedex, France ; contact: P. Roger  
tel. +33 1 41 20 13 85, fax +33 1 41 20 10 10, [www.elyo.fr](http://www.elyo.fr)

### **ENDEL (Stand 6 - SUEZ)**

Endel, is fully experienced in all sectors of the nuclear industry. Comprised of specialists, engineers and technicians who are all highly qualified in the renovation, layout and installation of technical innovations, Endel covers all the industry's needs from engineering to maintenance.

Tour Voltaire 1, Place des degrés, 92059 Paris La Défense cedex, France ; contact :  
J.M.Fouquet, tel : +33 1 57 60 90 00 ; fax +33 1 57 60 90 01, [www.endel.fr](http://www.endel.fr)

### **ENUSA INDUSTRIAS AVANZADAS S.A. (Stand 13 – Spain)**

As a part of SEPI Holding, Enusa Industrias Avanzadas S.A. manufactures and supplies fuel assemblies for light water reactors (PWR, BWR and VVER) to European Union countries and USA.

Fuel engineering activities include: product engineering, reactor core engineering, engineering services and fuel related services.

Enusa also supplies enriched uranium to the Spanish nuclear reactors under order by the Spanish electric utilities, and develops environmental services through its Ciudad Rodrigo Environmental Center and the Technical-Environmental Office.

Additionally, Enusa is actively developing a diversification policy, taking part in a series of industrial projects related to its traditional business and expertise.

C/ Santiago Rusiñol, 12, 28040 Madrid, Spain; contact M. Rodríguez Aycart, +34 91 347 4200, +34 91 3474214, +34 91 3474215, email: [mra@enusa.es](mailto:mra@enusa.es); [www.enusa.es](http://www.enusa.es)

### **EMPRESARIOS AGRUPADOS (Stand 13 – Spain)**

Empresarios Agrupados is a leading Spanish engineering organisation with significant international experience. Founded in 1971, EA has a permanent multidisciplinary staff of approximately 900, 65% of whom are university graduates. EA provides a full range of engineering services for nuclear power plant projects and related nuclear facilities such as radwaste management, disposal and storage, spent fuel storage facilities and decommissioning of nuclear power plants and installations. Services provided include engineering and design, consulting, project management, procurement, construction management, testing and commissioning and plant operation engineering support.

C/ Magallanes, 3, 28015 Madrid, Spain; contact: J. Sánchez Álvarez-Campana, tel: +34 91 3098000, fax: +34 91 5912655, email: [jsanchez@empre.es](mailto:jsanchez@empre.es), [www.empre.es](http://www.empre.es)



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## **EQUIPOS NUCLEARES (ENSA) (Stand 13 – Spain)**

**ENSA** as part of SEPI Holding, specializes in manufacturing high quality heavy components for nuclear plants and industrial facilities that require high standards of quality. The main product lines are: heavy components of Nuclear Steam Supply System as Pressurized Water Reactor (PWR), Boiling Water Reactors (BWR) and smaller items for nuclear reactors, design and manufacture of components for storage and transport of spent fuel assemblies and the design, supply and installation of equipment for radioactive waste treatment.

In the field of services **ENSA** is active in decommissioning radioactive installations and maintenance of nuclear plants. The Advanced Technology Center, with is in the forefront of technology, develops procedures to improve productivity and quality of operations, and provides the technical support needed by manufacturing.

José Ortega y Gasset 20, 28006 Madrid, Spain; contact: C. Palacios, tel : +34 91 5553617, [palacios.carmelo@ensa.es](mailto:palacios.carmelo@ensa.es), [www.ensa.es](http://www.ensa.es)

## **Fabricom GTI (Stand 6 - SUEZ)**

Fabricom GTI is the Belgian reference in terms of innovative technical installations and services for the industrial and infrastructure markets, both in Belgium and internationally. Our expertise covers a wide and varied range of technical disciplines, including Electrical, Instrumentation, Mechanical, Piping, Automation, and Maintenance, as well as associated specialist applications.

Rue Gatti de Gamond 254, 1180 Brussels, Belgium ; contact : P. Fabeck, tel +32 2 370 31 11, fax +32 2 332 24 55, [www.fabricom-gti.com](http://www.fabricom-gti.com)

## **HUHU Co (Stand 21)**

HUHU Co., LTD is a specialized company for special purpose camera systems and is situated in Republic of Korea. HUHU is a unique domestic supplier of CCTV camera system for Nuclear power stations in Korea and is a qualified as a registered supplier by Korea Hydro Nuclear Power Co., LTD (KHNP) . HUHU has been delivered proven quality CCTV camera systems to nuclear power plants and KHNP successfully. HUHU has been developing and providing industrial radiation tolerant camera, underwater camera and stereoscopic broadcasting camera system to the customers all over the world and servicing engineering solutions for specialized Camera systems.

HUHU Co., LTD, Anyangmegavalley #705 Gwanyang, Dongan, Anyang city, Gyeonggi, 431-060, Republic of Korea ; contact: Augustin Cho, International Sales Manager, International Development Department, tel: +82 31 420 8191, fax: +82 31 420 4601, email: [jhchos@gmail.com](mailto:jhchos@gmail.com), URL: [www.huhu3.com](http://www.huhu3.com);

## **I & C Energo a.s. (Stand 8 – Czech Republic)**

I & C Energo a.s. is a 100% subsidiary of ČEZ, a. s., a member of the CEZ Group, has its seat in Třebíč and is active nationwide, in 19 locations throughout the Czech Republic. The principal business of I&C Energo is: providing services relating to Instrumentation & Control (I&C) systems, industrial information systems, and electrical systems, including systems integration and engineering support.



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The company pursues this business by selling three main products: Industrial Service, Capital Projects, and System Integration & Engineering Solutions.

With its nationwide presence and over one thousand staff, I&C Energo is one of the largest Czech corporations in its segment.

I&C Energo is certified for compliance with ISO 9001:2000 and ISO 14001:2004.

I&C Energo is active in the industrial market, primarily in the electric power segment, both domestically and internationally. The principal market segments in which I&C Energo operates are nuclear and conventional power generating plants, power heating plants, and other industrial segments (hydropower, water treatment, gas utilities, and the chemicals industry) as well as the municipal segment.

Pražská 684/49, 674 01 Třebíč, Czech Republic; contact: M. Horák, Chairman of the Board of Directors, General Manager, tel.: +420 568 893 111, fax: +420 568 893 999, email: [hlexova@ic-energo.cz](mailto:hlexova@ic-energo.cz), [hlexova@ic-energo.cz](mailto:hlexova@ic-energo.cz), <http://www.ic-energo.cz>

### **IBERDROLA INGENIERÍA Y CONSTRUCCIÓN (Stand 13 – Spain)**

IBERDROLA INGENIERÍA Y CONSTRUCCIÓN S.A.U. (IBERDROLA Ingeniería) is a Spanish engineering company, leader in the power engineering business and construction projects. It combines the great strength of IBERDROLA group, to which it belongs, together with the agility of a modern and efficient technical organisation. The spectrum of services provided by IBERDROLA Ingeniería ranges from specialist consulting to the turnkey projects of generating plants, sub-stations, lines or major civil works, fundamentally in the area of electricity companies with network services. In the area of Nuclear Generation, IBERDROLA Ingeniería renders a wide range of services to nuclear facilities; from conceptual and basic engineering, operational support to decommissioning.

Avenida de Burgos 8 B, Edificio Génesis, 28036 Madrid, Spain ; contact : M.L Sánchez-Mayoral, tel.: +34 91 3833180, [luisa.mayoral@iberdrola.es](mailto:luisa.mayoral@iberdrola.es), [www.iberinco.com](http://www.iberinco.com) and [www.iberdrola.com](http://www.iberdrola.com)

### **IDEALEX (Stand 14)**

Components for glove-boxes: glove-ports, gloves, bags; Welding machine for extracting bags: 3 welds in 1, Protective suit with communication system for frogmen, filtering vacuum pump for reducing of volume of plastic wastes, lead aprons, radiological mobile protection, lead loadet plastic sheets, metallic sintered filters, remote handling tongs;

4, boulevard de l'Industrie, 41100 Vendôme, France; contact : Christian Defaut, tel : +33 254 739090, fax : +33 254 732752, email : [idealex@idealex.fr](mailto:idealex@idealex.fr), [www.idealex.fr](http://www.idealex.fr)

### **INEO (Stand 6 - SUEZ)**

Expert in electrical installation, information systems, communication systems and related services, INEO is active in six main areas of activity: Energy, Defence & Aeronautics, Industry, Tertiary sector, Telecommunications and Transport. In the nuclear sector, INEO has all the necessary certifications and qualifications (CEFRI) and operates on all types of sites classified "basic nuclear installations".

Tour Voltaire 1, Place des Degrés, 92059 Paris La Défense cedex, France ; contact : C. Rendu, tel. + 33 1 58 04 20 16, fax + 33 1 58 04 44 63, [www.ineo.com](http://www.ineo.com)





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### **International Nuclear Services (Stand 16 – Suez)**

International Nuclear Services has over 40 years experience of delivering used fuel services from the Sellafield site. We have the expertise to provide customers with specialist knowledge covering a range of topics associated with used fuel, waste management and nuclear materials transport.

We are the customer interface to over 20 utility customers for reprocessing and MOX fuel supply contracts, and the associated transport of recycling products and wastes. To enable us to successfully manage these contracts, INS has over 150 dedicated staff, with offices and facilities in the UK, France, Germany and Japan.

INS is owned by Sellafield Ltd (51%) and the Nuclear Decommissioning Authority(49%).

Contact: M. Touhey, tel: +44 (0)1925 832055, fax: +44 (0)1925 834243, email:  
[malcolm.touhey@bnfl.com](mailto:malcolm.touhey@bnfl.com)

### **IST Nuclear Systems (Stand 20)**

Imaging & Sensing Technology Nuclear Systems (IST) is a broad-based technology company that designs and manufactures advanced electronic and component systems. Our products are found in most of the world's nuclear facilities and in a large number of industrial locations. Here they provide essential details for the plants efficient operation, and also information that will ultimately protect those who work in, or are exposed to, the difficult and hazardous environments.

IST serves global markets in the nuclear industry and other industrial manufacturing. With brand name products such as Conax Nuclear, Auxitrol Nuclear, Rees, Quadtek, MGP Instruments and MGPI H-B it is easy to see why IST has become a dominant supplier to the industries we serve throughout the world.

IST Nuclear Systems - A Division of Mirion Technologies; contact: D. Potter,  
[dpotter@istcorp.com](mailto:dpotter@istcorp.com), [www.istcorp.com](http://www.istcorp.com)

### **ITERBelgium (Stand 5a – Agoria)**

ITERBelgium is a sensibilisation and coördination cell for all interested Belgian companies, in order to inform them about, and get them involved, in the supply of equipment and services for the realisation of the international nuclear fusion reactor project ITER, in Cadarache in Southern France.

ITERBelgium is being sponsored by the Belgian Federal Department of Economy and Energy, and is coördinated via Agoria, the Federation for the Technology Industry

contact: [christian.dierick@agoria.be](mailto:christian.dierick@agoria.be); tel:+32 2 706 79 55, fax:+32 2 706 79 88;Bd. A.Reyers Ln 80, B-1030 Brussels; [www.ITERBelgium.be](http://www.ITERBelgium.be) (under construction)



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### **ITENA (Stand 6 - SUEZ)**

Based on several decades of realization of large projects, including provision of support to ENDEL in the nuclear and industrial segments, ITENA develops reliable and customized solutions in design, maintenance and decommissioning engineering throughout the life cycle of the installations.

Close to its customers, with its structure permitting fast response and flexibility and its pertaining to a large group, ITENA is able to put forward solutions which it implements under various formulas as suit the client. It offers its services as a provider of engineering support, as a consulting engineer or owner's project manager.

165, Boulevard de Valmy, 92707 Colombes cedex, France ; contact : Y. CROMMELYNCK, tel: +33 1 57 60 91 18, [www.itena.com](http://www.itena.com);

### **LABORELEC (Stand 6 – Suez)**

LABORELEC is a Belgian technical competence center for energy processes and energy use in the international market. It excels in technological research and delivering specialized services to its partners and customers in order to optimize existing processes for generation, distribution and supply of electricity, to improve operational reliability of equipment and to promote efficient use of energy.

LABORELEC's expertise covers four product lines: electrical power systems and metrology, sustainable process technologies, electrotechnical materials and equipment, and materials technology, vibrations and noise control.

LABORELEC is a partner in several national and international research projects.

### **LAINSA (Stand 13 – Spain)**

LAINSA is a leading Spanish company, specialised in radioactive decontamination, waste treatment and industrial cleaning, where it has gained justified prestige through its capacity to solve complex problems specific to each customer.

LAINSA maintains cooperation and research agreements with universities and official organisations.

For over 30 years, it has been providing services to different sectors, specialising in:

- Nuclear power plants
- Hydroelectric and Thermal power plants
- Steel plants

Lainsa France has been recently created with the purpose of offering extensive knowledge and experience to the French nuclear industry.

C/ El Palleter 13, 46008 Valencia, Spain; contact: J. Tomás Ruiz, tel. +34 96 3540300, email: [jtruiz@lainsa.com](mailto:jtruiz@lainsa.com); [www.lainsa.com](http://www.lainsa.com)



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### **MWH (Stand 16 – NIA)**

MWH is one of the world's largest firms specialising in project management, nuclear and environmental services.

The organisation provides a full-service environmental science, engineering and procurement services with a long history of solving challenging problems for clients across a range of sectors. With nearly 6,000 professionals located in 200 offices throughout 30 nations, MWH can provide global expertise via their local offices.

MWH has the experience, expertise and financial strength and stability to offer clients in the nuclear sector a complete range of consulting services, including Front End Engineering, Decommissioning, Radiation control, Waste management, environmental restoration and Project Management.

Some of our nuclear clients include the Nuclear Decommissioning Authority, UKAEA and British Nuclear Group.

Contact: G. Mills, tel: +44 (0) 1925 845116, fax: +44 (0) 1925 845001, email: [gareth.mills@mwhglobal.com](mailto:gareth.mills@mwhglobal.com);

### **NIA (Stand 16)**

The Nuclear Industry Association (NIA) is the trade association and representative voice for over 130 companies involved in the UK civil nuclear industry. Our members include the operators of the nuclear power stations, engineering and construction firms, nuclear research facilities and companies engaged in decommissioning, waste management, nuclear liabilities management and all aspects of the nuclear fuel cycle. NIA promotes the interests of the industry to Government and the media as well as acting as the key body providing information and a forum for networking to its member companies. It also acts as the UK industry's representative and liaison point with nuclear industries and organisations abroad, and is therefore able to bring an international dimension to its activities.

Contact: N. Buckley, tel: +44 (0) 2077666645, fax: +44 (0) 2078391523, email: [norman.buckley@niauk.org](mailto:norman.buckley@niauk.org)

### **NUKEM (Stand 5 b)**

Fuel cycle services, decommissioning of nuclear facilities, radioactive waste management, as well as engineering and consulting: NUKEM worldwide provide services for the nuclear industry. NUKEM GmbH belongs to the world's leading suppliers of uranium products. The activities cover trading of nuclear fuel and service for power and research reactors and the trading of isotopes. Its subsidiary NUKEM Technologies GmbH pursues the market activities in decommissioning of nuclear facilities, management of radioactive waste as well as engineering and consulting; in particular the company target markets are Western and Eastern Europe as well as Asia.

NUKEM Energy GmbH Industriestrasse 13, 63755 Alzenau, Germany; contact: Beate Scheffler, Director Corporate Communications / Marketing Communications P +49 6023 911147, F +49 6023 911188 [email:beate.scheffler@nukem.de](mailto:beate.scheffler@nukem.de), [www.nukemgroup.com](http://www.nukemgroup.com)



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### **NUCLEAR RESEARCH INSTITUTE plc. (Stand 8 – Czech Republic)**

Research and Development in nuclear branch, 2 research reactors, technical engineering, materials evaluation, radiopharmaceuticals, engineering services within the sector of Energetics, complete planning documentation for all type of power plants, thermal and nuclear, cogeneration production of electricity, heat and cold. Energetics for both industrial and communal sector. Waste incineration and handling.

Husinec – Řež 130, 250 68 Řež, Czech Republic; contact: F. Pazdera, General Director, tel: +420 266 173 532, fax: +420 220 940 840, email: [paz@ujv.cz](mailto:paz@ujv.cz), <http://www.ujv.cz>

### **Plastunion SA (Stand 10)**

Plastunion is specialized in the manufacture of sealed structures and specific accessories made out of flexible plastic (PVC/PUR/EVA/PE...).

Some of our products: bags for gloves boxes, bags for shielded cylinders, insulating envelopes, flexible sheats, complex shaped welded bags, specific cases ...

40, allée des Charmilles, PO Box # 14, 93190 Livry-Gargan; tel: +33 1 43024288, fax: +33 1 43817614, email : [plastunion@aol.com](mailto:plastunion@aol.com), contact: F. Petit, General Manager, D. Aguesseau, Sales Manager, [www.plastunion.com](http://www.plastunion.com)

### **Robatel (Stand 9)**

ROBATEL Industries has been working for the nuclear industry for more than 50 years. The company has presently three production facilities: Genas (near Lyon), La Hague, Marcoule. In January 2008, it will open its forth location near by Cadarache. With about 100 employees, a turnover around 10 – 11 M€, the company is currently working for AREVA, EDF, the French CEA and occasionally for foreign customers in Europe, the USA or Asia. ROBATEL Industries designs and manufactures various equipments for the nuclear industry: Spent fuel or radioactive waste type B transportation casks, (more than 73 designs licensed or in development) – Hot cells for analysis or radio element production – remote handling and process equipment for fuel manufacture – Shielded doors, Reactor vessel shielding – Tooling for maintenance of nuclear reactor for submarines, and also special materials used as gamma and/or neutron shielding. Its people are trained to work under various standards such as CODAP, RCCM, ASME. ROBATEL Industries is certified ISO 9001 – CAEAR – CEFRI – EDF cas 1.

Robatel Industries, BP 203, 69741 Genas Cedex; contact: C. Bruneel, Directeur Commercial, tel.: +33 472221010, fax : +33 478902379, email : [commercial@robatel.fr](mailto:commercial@robatel.fr);

### **ROSATOM Federal Atomic Energy Agency (Stand 1)**

Federal Atomic Energy Agency of Russia is an authorized Federal executive body responsible for implementing the state policy, legal regulation, providing services on behalf of the state and managing state property in the field of the use of atomic energy; for development and safe functioning of nuclear power, nuclear weapons complex, nuclear fuel cycle, nuclear science and technology; for nuclear and radiation safety; non-proliferation of nuclear materials and technologies as well as for international cooperation in this area.

**Nuclear industry** comprises approximately two hundred enterprises with more than 300,000 employees. The industry is structured as four large scientific and production complexes.



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24/26, Bolshaya Ordynka str., Moscow, 119017, Russia; tel: +7 495 239-4545, fax: +7 495 239-2263, email: [npokrovskaja@skc.ru](mailto:npokrovskaja@skc.ru); [www.minatom.ru](http://www.minatom.ru)

### **ŠKODA JS a.s. (Stand 8 – Czech Republic)**

For 50 years now, the ŠKODA JS a.s. Company has been active in engineering and supplies for the nuclear energy industry. In 2004 a new owner took over the company - a Russian mechanical-engineering group OMZ, which guarantees the perspective and development of nuclear energy programmes within the company.

"Refurbishment of the Control System on the Dukovany Nuclear Power Plant" is among our main current projects.

Another important programme is the manufacture of control rod drive mechanisms (CRDM) for regulating the power output of VVER-type nuclear reactors. ŠKODA JS supplies these drives, and also corresponding modern control system, mainly to the large Ukrainian market; but the same type of equipment is also necessary for Czech, Slovak, Russian and Hungarian nuclear power stations.

The third group of products, which represents a substantial part of the company's revenues, is the manufacture of casks for the transportation and storage of spent nuclear fuel.

316 06 Orlík 266, Plzeň, Czech Republic; contact: M. Fiala, Chairman of the Board of Directors and General Manager, tel: +420 378 041 111, fax: +420 377 520 600, [info@skoda-js.cz](mailto:info@skoda-js.cz), [www.skoda-js.cz](http://www.skoda-js.cz)

### **SCT (Stand 4)**

SCT is the world leading, ISO certified, integrated manufacturer of ceramics components, ceramic-to-metal and sapphire-to-metal seals. These components are used under critical environments (temperature, high pressure...) and specially in ultra high vacuum applications for medical, aerospace and nuclear markets.

Applications include:

- Envelopes, multipin signal feedthroughs, power penetrators, high voltage bushings, vacuum chambers, as other hermetic ceramic-to-metal brazed assemblies for military (submarine) and civilian nuclear applications (power plant).
- Entire process on one site: design, prototyping, small to high volume production, brazing, welding, testing.

SCT-Ceramics, BP 9, 65460 Bazet, France; contact: J.J. Banquet, Project Manager, tel: +33 562389797; fax: +33 5 62334181; email: [jjbanquet@sct-ceramics.com](mailto:jjbanquet@sct-ceramics.com)

### **Siempelkamp Nukleartechnik GmbH (Stand 18)**

Siempelkamp Nukleartechnik is part of the Siempelkamp group of companies. As internationally active business division, Siempelkamp Nukleartechnik and their subsidiaries Wenutec GmbH, Siempelkamp Prüf- und Gutachtergesellschaft mbH and Safetec GmbH offer an extensive services package for the life time of nuclear facilities. From a widely respected supplier of cask and container bodies for the transportation and storage of radioactive waste, and via the development of melting plants for the recycling of radioactive and toxic contaminated metals and residual substances, we have developed to our present portfolio. Our core business comprises project management, engineering, components and system solutions for equipment and retro-



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fitting as well as decommissioning and dismantling, modernization/modification of components and systems of nuclear facilities, stud tensioning devices, casks and containers, recycling, manufacture, calculations and analyses as well as service.

Siempelkamp Nukleartechnik GmbH, Siempelkampstraße 45, 47803 Krefeld, Germany;  
contact: Christian Jurianz (Marketing/Sales), tel. +49 21 51/894 481, fax +49 21 51/894 488,  
email: [snt.krefeld@siempelkamp.com](mailto:snt.krefeld@siempelkamp.com), [www.siempelkamp.com](http://www.siempelkamp.com)

### **SITA - (Stand 6 - SUEZ)**

Sita (SUEZ), through its specialised subsidiary Sra Savac, is a world reference in the nuclear market. It exercises its skill and know-how in five principal areas:

- Lançage tubular plates and generators
- Tele-visual inspection and expertise
- Remote extraction of foreign bodies
- Cleaning feed circuits

93 rue Jacquar, BP 165, 69 516 Vaulx en Velin, France ; contact: G. Bessenay, tel: +33 4 72 15 14 14, fax +33 4 72 15 14 10, [www.sita.fr](http://www.sita.fr)

### **SOCOIN (Stand 13 – Spain)**

SOCOIN is owned by the Spanish industrial group UNION FENOSA, the third largest utility in the country, and embodies all the knowledge and experience that the Group has acquired in the construction and operation of its facilities. It offers high added-value integrated solutions in the energy field related to the design, development, operation and maintenance of electricity generation facilities, and electricity and natural gas transmission and distribution. It provides a wide range of services and solutions that enclose different arrangements and include “turnkey” projects.

SOCOIN Nuclear Division has been working significantly in the nuclear field. With wide experience in plant operation and engineering support, its abilities and expertise comprise the following areas:

- Engineering
- Licensing
- Reliability, safety (PSA)
- Lifetime management
- Thermal-hydraulic and neutronic analyses
- Radiological Protection.
- Decontamination, clearance
- Waste management
- Decommissioning

Parque Empresarial La Finca, Edificio 5, Pº del Club Deportivo 1, 28223 Pozuelo de Alarcón, Madrid, Spain ; contact: P. Ortega, tel : +34 91 257 80 00, email : [portega@socoin.es](mailto:portega@socoin.es); [www.socoin.es](http://www.socoin.es)



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### **SUEZ (Stand 6)**

SUEZ, an international industrial and services Group, designs sustainable and innovative solutions in the management of public utilities as a partner of public authorities, businesses and individuals. The Group aims to answer essential needs in electricity, natural gas, energy services, water and waste management.

Through the nuclear expertise of specialists like Axima, Corys Tess, Coyne et Bellier, Electrabel, Elyo, Endel, Fabricom GTI, Ineo, Itena, Laborelec, Sra Savac, Synatom, Tecubel and Tractebel Engineering, SUEZ is a significant partner in the development and operation of nuclear installations in Europe.

16, rue de la Ville l'Evêque, 75008 Paris, France ; Contact: P.Rorive, tel : + 33 1 40 06 64 00, fax : +33 1 40 06 66 44, [www.suez.com](http://www.suez.com);

### **SYNATOM (Stand 6 - SUEZ)**

SYNATOM manages the fuel cycle for the Belgian nuclear power plants. Its expertise comprises:

- The fuel cycle front-end management, i.e. the supply with enriched uranium of the seven nuclear power units with an annual production of around 45 TWh;
- The fuel cycle back-end management, i.e. the management of all the activities in connection with spent nuclear fuel.

SYNATOM is also the legally designated 'Nuclear Provisions Company' in Belgium, charged with:

- >The building up of provisions to cover all costs related to current and future spent fuel as well as the future costs of dismantling nuclear power plants;
- >The management of the funds related to these provisions.

Avenue Ariane 7, 1200 Brussels, Belgium; zel. +32 2 505 07 11, fax +32 2 505 07 90

### **SYNODYS GROUP (Stand 19)**

A division of MIRION Technologies

synodys Group designs, markets, manufactures and supports equipment and systems for radiation protection and monitoring as well as physical-chemical compounds analysis to protect people, property and the environment against hazards and technological risks.

#### Applications:

- Health physics radiation protection (Dosimetry, Teledosimetry Contamination and Clearance, ...)
- Industrial process monitoring for Nuclear facilities (Radiation Monitoring Systems, Neutron Flux Monitoring Systems)
- Identification and alert on Chemical & Biological, Radiation and Nuclear risks and threats



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Markets:

- Nuclear Industry
- Medical Health Physics
- Defence and Homeland Security
- Environment protection

BP 1, 13113 Lamanon, France; contact: V. Ely, [vely@mgpi.com.fr](mailto:vely@mgpi.com.fr), [www.synodys.com](http://www.synodys.com);

**TECNATOM (Stand 13 – Spain)**

Tecnatom is an engineering company, owned by the Spanish Electricity Utilities, that has provided services and products to the nuclear industry since 1957.

Tecnatom has a Training Centre for Plant Operation personnel instruction and training, with 9 full scope simulators, built and manufactured by Tecnatom, which include different configurations of nuclear power generation plant control rooms.

The Process Engineering activities are related with inspection engineering and structural integrity analysis, and operation and environmental engineering.

In-Service Inspection, Test Services and Integral Maintenance are performed to the major components of nuclear power and industrial plants.

Other main technical capabilities are: Design and Manufacturing of Equipment and Systems, including both robotic inspection equipment and full scope simulators; Management and Manufacturer of spares parts and components; Laboratories with certified metrology for flow, pressure, temperature, etc., Measurements and Dosimetry for radiological protection, Safety Management, etc.

Av. Montes de Oca 1, 28703 San Sebastian de los Reyes, Madrid, Spain; contact: J. Ortega Delgado, tel: +34. 91 6598600, email: [jortega@tecnatom.es](mailto:jortega@tecnatom.es); [www.tecnatom.es](http://www.tecnatom.es)

**TECNICAS REUNIDAS (Stand 13 – Spain)**

**Técnicas Reunidas (TR)** is a major international general contractor for Oil & Gas, Power (Nuclear, Coal, Oil and Gas Fossil-Fired, Combined Cycle, Renewable Energy and Cogeneration Power Plants) as well as Infrastructures.

**TR** is the largest Engineering & Construction Company in Spain, one of the leaders in Europe in the design and construction of Oil & Gas facilities and Power Plants, and one of the world leaders in the refining sector. **TR** has a deep involvement in Power Plant Design & Construction and particularly in Nuclear Power Plants..

**TR** employs over 3700 professionals. Headquarters are located in Madrid and we have permanent offices in fifteen different countries in Europe, America, Asia and Africa.

C/ Arapiles, 13. Puerta 14. 28015 Madrid - Spain. Tel: +34 91 592 21 90. E-mail: [mcasanova@tecnicasreunidas.es](mailto:mcasanova@tecnicasreunidas.es). Web: [www.tecnicasreunidas.es](http://www.tecnicasreunidas.es).





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### **TECNUBEL-ECS (Stand 6 - SUEZ)**

With extensive activities in nuclear facility management, Tecnubel-ECS offers a wide range of essential services to the nuclear operators, including logistics, technical management of nuclear installations, safety management and health physics, decontamination and dismantling of equipments and facilities.

93 Gravenstraat, 2480 Dessel, Belgium; contact: M. VANDORPE, tel +32 14 34 69 11, fax: +32 14 32 00 90, [www.tecnubel.be](http://www.tecnubel.be)

### **TERIS, a.s. (Stand 8 – Czech Republic)**

Technical manager and accompanying promotion of the Czech Republic Official Booth; Line of business: TERIS offers turn-key projects, providing complete conference management, accommodation and catering services, cultural and accompanying programs and technical excursions, organizing international congresses, conferences and seminars, company's participation at exhibitions and trade fairs.

Štětkova 18, 140 68 Praha 4, Czech Republic; contact: K. Dach, General Director, tel: +420 261 210 325, fax: +420 261 218 992, email: [teris@teris.cz](mailto:teris@teris.cz), <http://www.teris.cz>

### **Thompson Valves Ltd (Stand 16 – NIA)**

Thompson Valves part of CCI Nuclear Division, is dedicated to the design and manufacture of nuclear class valves for safety related applications and as a result meet the full requirements of ASME Section III Nuclear Class 1, 2, 3 codes for nuclear class valves, and related national technical specifications and codes for this class of product.

Thompson Valves Ltd, promotes through our brand name products of Newman Hattersley, Ashford and IVP, a wide scope of valve products in the recognised small bore applications sector of the market, and through Thompson Valves the wider CCI scope. These valves are used in systems almost exclusively on the 'nuclear island' of a nuclear power plant, our products serve across the major process systems, and associated control and instrumentation systems of the plant.

Contact: B. Ellis, tel: +44 (0)1202 647322, fax: 44 (0)1202 605385, email: [brian.ellis@thompson-valves.com](mailto:brian.ellis@thompson-valves.com)

### **TRACTEBEL ENGINEERING (Stand 6 - SUEZ)**

For more than 40 years, Tractebel Engineering (SUEZ), one of Europe's largest engineering consultancies, has been providing innovative nuclear engineering solutions throughout the nuclear value chain, from design to decommissioning. As Architect-Engineer, Owner's Engineer or Consulting Engineer, Tractebel Engineering serves nuclear utilities, research centres, radwaste management agencies and nuclear steam supply systems suppliers.

Clients of Tractebel Engineering benefit from a global vision throughout the nuclear installation assets' life cycle, cutting-edge expertise and multidisciplinary teams, a wide local network, independence and professionalism, and care for sustainable development.



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7, Avenue Ariane, BP 1200 Brussels, Belgium; contact: O. GROSFILS, tel: +32 2 773 72 64, fax: +32 2 773 89 00, email: [olivier.grosfils@tractebel.com](mailto:olivier.grosfils@tractebel.com), [www.tractebel-engineering.com](http://www.tractebel-engineering.com)

### **Urenco (Stand 2)**

Urenco is an independent company specialising in the enrichment of uranium, an important stage in producing the fuel necessary to operate most nuclear power stations. Urenco Enrichment Company owns and operates enrichment plants at Almelo in the Netherlands, Capenhurst in the United Kingdom and Gronau in Germany and has its headquarters in Marlow in the United Kingdom. Enrichment Technology Company Ltd, a 50:50 joint venture with Areva, is concerned with the development, manufacture, supply and installation of gaseous centrifuges and enrichment plants. Urenco has a market share of some 23% of world demand for enrichment services and enrichment plant capacity totalled 9,000 tSW at the end of 2006.

Urenco Limited, 18 Oxford Road, Marlow, Bucks. SL7 2NL, UK; tel. +44 1 628 402 257, fax +44 1628 402 287, email [im@urengo.com](mailto:im@urengo.com); <http://www.urengo.com>; contact I. Mance, Marketing & Sales.

### **VELAN (Stand 12)**

More than 300 Nuclear Power Plants in the world have selected VELAN for class 1 valves of primary circuits. This makes VELAN SAS one of the worlds' leading suppliers of quality valves and services in nuclear energy. VELAN SAS is mastering all international design codes such as ASME3, RCCM and OTT. Major engineering companies are appreciating the reliability and quality of our nuclear valves: AREVA, WESTINGHOUSE; EDF; SIEMENS; CNEIC;BINE;NPIC;QNPJVC,...

VELAN SAS has been selected as the major supplier for nuclear class 1,2 &3 valves by AREVA for the most advanced reactor ever, the EPR project in OLKILUOTO; Finland.

90, rue Challemeil Lacour, 69367 Lyon Cédex 07, France; contact: M. Monier, Nuclear Department Manager, tel : +33 4 78616700, fax : +33 4 78721218, email : [mmonier@velan.fr](mailto:mmonier@velan.fr);

### **VUJE (Stand 3)**

- Nuclear safety
- Diagnostics and in-service inspections
- Personnel training
- Commissioning and operation support of NPP units
- Radiation safety, environment and radwaste management
- Information technologies
- Maintenance equipment and manipulators
- Equipment qualification
- Conventional power industry and renewable sources
- Modernisation of power installations
- Reconstruction of electricity supply systems

Vuje, Inc. Okružná 5, 91864 Trnava, Slovak Republic; contact: Ing. D. Danis, tel. + 421 33 599 1218, fax + 421 33 599 3005, email: [danis@vuje.sk](mailto:danis@vuje.sk)



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### **WESTINGHOUSE ELECTRIC COMPANY (Stand 17)**

Westinghouse Electric Company offers a wide range of nuclear plant products and services to utilities throughout the world, including fuel, spent fuel management, service and maintenance, instrumentation and control, and advanced nuclear plant designs.

Nearly 50 percent of the nuclear power plants in operation worldwide, and nearly 60 percent in the United States, are based on Westinghouse technology. Worldwide, the more than 9,000 employees of Westinghouse Electric Company continue to pioneer value-added engineering and services creating success for our customers in their increasingly demanding markets.

The selection of Westinghouse to supply four AP1000 nuclear power plants in China is the most recent in a series of positive announcements. The AP1000 has also been identified as the technology of choice for no less than 12 new projected plants in the United States.

Westinghouse Electric Belgium, 43 Rue de L'Industrie, 1400 Nivelles; contact: P. Gaio, tel : +32 67 288439, fax : +32 67288539, email : [gaio-p@notes.westinghouse.com](mailto:gaio-p@notes.westinghouse.com);